

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2003/002654

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A61K 7/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC:A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean patents and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
JICST-EPLUS(STN), KOSMET(STN), CABA(STN), CAPLUS(STN), AGRICOLA(STN), NAPRALERT(STN), PASCAL(STN)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| P, X      | NA MK et al., "Antioxidant activity of Cercis chinensis and its protective effect on skin aging", IFSCC CONFERENCE 2003, September 22-24, Korea, Proceeding Book 2 of 2, poster 42, 117-138, 29 REFS | 1-13                  |
| A         | Lee, Seung-Ho et al., "Isolation of the inhibitory constituents on melanin polymer formation from the leaves of Cercis chinensis", Saengyak Hakhochi, Korea, 1999, Vol. 30, No. 4, pp. 397-403       | 1-13                  |
| A         | JP 8-175960 A (KAO CORP.) 9 JULY 1996<br>see the whole document  | 1-13                  |
| A         | JP 8-231953 A (NISSHIN OIL MILLS LTD.) 10 SEPTEMBER 1996<br>see abstract   | 1-13                  |
| A         | US 2002/0110604 A1 (ASHNI NATURACEUTICALS, INC.) 15 AUGUST 2002<br>see claim 1   | 1-13                  |

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:  
 "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search  
29 JANUARY 2004 (29.01.2004)

Date of mailing of the international search report  
30 JANUARY 2004 (30.01.2004)

Name and mailing address of the ISA/KR  
Korean Intellectual Property Office  
920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea  
Facsimile No. 82-42-472-7140

Authorized officer  
CHANG, Jin Ah  
Telephone No. 82-42-481-5602



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**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

This ISA found multiple inventions as follows:

Group I, Claims 1-9 and 12-14, directed to extract of *Cercis chinensis* having anti-oxidant activity and anti-aging activity, a cosmetic composition for anti-oxidation, skin-aging protection and wrinkle improvement, and a process for preparation thereof; and

Group II, Claims 10-11, directed to a pharmaceutical composition containing the extract of *Cercis chinensis*.

The inventions listed as Groups I and II do not relate to a single inventive concept under PCT Rule 13.1 because under PCT Rule 13.2 they lack the same or corresponding special technical features for the following reason: they are separate inventions in distinct fields of search.

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any addition fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR2003/002654

| Patent document cited in search report | Publication date | Patent family member(s)                                       | Publication date                                     |
|--|------------------|---|--|
| JP 8-175960 A                          | 09.07.1996       | None  |  |
| JP 8-231953 A2                         | 10.09.1996       | US 5767271<br>JP 8231539 A2<br>JP 3120827 B2<br>JP 3031844 B2 | 16.06.1998<br>10.09.1996<br>25.12.2000<br>10.04.2000 |
| US 2002/110604 A1                      | 15.08.2002       | WO 02/13835 A1<br>AU 0186441 A5                               | 21.02.2002<br>25.02.2002                             |